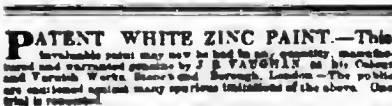
PATENT WHITE ZINC PAINT.—This invaluable paint may now be had in any quantity, manufactured and warranted genuine by J. B. YATCHIN at his Colour and Varnish Works, Sheerness, Borough, London.—The public are cautioned against many spurious imitations of the above. One trial is requested.



JENNINGS' PATENT SHOP SHUTTER SHEAVES and FASTENERS, INDIA RUBBER TUBE-COCKS, and WATER CLOSETS, can be had through any plumber or ironmonger. The only manufacturers are — JOHN JENNINGS and SONS, Overseers, Perrin-street, and GEORGE JENNINGS, Patentee, 29, Great Charlotte-street, Blackfriars-road. —Descriptive drawings and testimonials sent free on application.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 64, REGENT-STREET, and 18, CHANCERY LANE. Patent sealed on the 6th day of February, 1846, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Raising and Lowering Shutters, without Weights, and Two for Hinging and Sheathing the Edges of Wood Laths with Iron.—The Patentee having found by some hundreds, will feel pleasure in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of any wheel or rack and screw gear, or any other complicated machinery commonly used by other makers.

IRON SHUTTERS.—The PATENT CONVEX REVOLVING IRON SHUTTERS are cheaper, revolve easier, stronger, work smoother, cleaner run down, and will run in one-third less room than any other shutters made. Hayward Gurney, Patentee.

CLARK and Co. Sole Manufacturers, and of IMPROVED DRAWN ORNAMENTAL METALLIC SASH BARS, ASTRAGALS, MOULDINGS, STALL-BOARD PLATES, &c. &c., in brass, copper, and zinc. Gas Fittings, Chandeliers, and Internal Brass Fittings for Shops of every description. Wire CURTAIN GIRDERS, HOT WATER APPARATUS, and metal work connected with buildings. Testimonials of architects and others having them to run will be forwarded free on application to CLARK and Co., Engineers, 28, Wapping, London, or to Mr. G. BRIGHTWICK, 17, Queen-street, Edinburgh, Agent for Scotland.

BUNNETT and Co., ENGINEERS, Patentees and Manufacturers of REVOLVING IRON AND WOOD SAFETY SHUTTERS, and of ORNAMENTAL SASH BARS, MOULDINGS, STALL-PLATES, &c. FOR SHOP FRONTS, AND OTHER WINDOWS, OR SKYLIGHTS, IN BRASS, COPPER, ZINC, IRON, &c.

Shop-fronts completely fitted up and glazed with best plate glass. Metal works and improved machinery of all kinds for warehouses, banking houses, &c.

BUNNETT and Co. challenge competition as to either quality or price.

Offices, 28, Lombard-street, London; Works, Deptford, Kent.

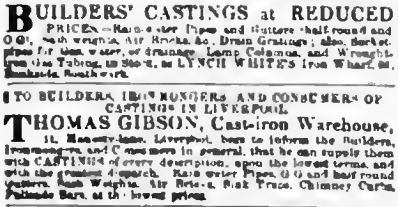
B. and Co. are also Patentees and Manufacturers of Improved Bench and Flooring Cramps for Builders; Wrought Iron Diagonal Gratings; double-trapped self-acting Water Closets, and self-acting and self-cleansing Hydraulic Traps, for Sewers, Drains, &c. &c.

STEAM ENGINES for HIRE.—Two and Four-horse power PORTABLE STEAM ENGINES, for pumping, sawing, thrashing, grinding, &c., can be had of DEANE, DRAY, and DEANE'S Agricultural Implement Rooms, Bond-lane, London-bridge.

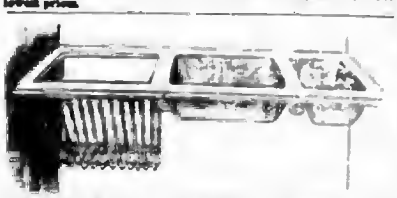
BUILDERS' CASTINGS at REDUCED PRICES.—Rain-water Pipes and Gutters (half round and O G), trash weights, Air Bricks, &c., Dram Gratings; also, Socket-pipes for drain, water, or drainage, Lamp Columns, and Wrought-iron Gas Tubing, in Stock, at LYNCH WHITE'S Iron Wharf, 81, Blackfriars, South Wark.

TO BUILDERS, IRON MONGERS AND CONSUMERS OF CASTINGS IN LIVERPOOL.

THOMAS GIBSON, Cast-iron Warehouse, 11, Manesty-lane, Liverpool, begs to inform the Builders, Ironmongers, and Consumers in general, that he can supply them with CASTINGS of every description, upon the lowest terms, and with the greatest despatch. Rain water Pipes, G G and half round Gutters, Trash Weights, Air Bricks, Flat Trays, Chimney Cowls, Palisade Bars, at the lowest prices.



SAMUEL HOOD and Co., Castings Ware-house, 41, Upper Thames-street. REGISTERED STABLE FITTINGS. Enamelled Mangers, with double bay-racks, or with enamelled water-troughs on one side.—Also, Gutters, columns, hot water pipes, rain water pipes, soil pipes, gutters, trash weights, &c., at the lowest prices.



COTTAM and HALLEN, 2, Winsley-street, Oxford-street, beg leave to draw attention to their new and improved patterns in STABLE FURNITURE. The manger, pail, and water trough are placed in a line together, and may be had either plain, galvanised or enamelled. Castings and wrought-iron work of every description, at the lowest scale of prices. Cudor-ground pipe, 1s. 9d. per cwt. Estimates upon application.

COTTAM and HALLEN, 2, Winsley-street, Oxford-st., London.

IMPORTANT to NOBLEMEN, GENTLE-MEN, BUILDERS, &c.—G. T. CASWELL, Engineer, Plumber, Pumpmaker, &c. Cleveland-street, Wolverhampton, respectfully informs noblemen, gentlemen, builders, surveyors, and others, that after a series of experiments, he has succeeded in one for WARMING VINE and PLANT HOUSES, which he feels confident will supersede all other modes at present adopted by this appearance. G. T. C. can undertake to one hour or raise the temperature of any house, however large, to 70 degrees, if required. The plan is safe, simple in construction, and will heat the house, being very cheap.

The same can be seen in operation at Mr. WILLIAM ABBOTT'S, nurseryman, Tettenhall, near Wolverhampton, Staffordshire, who has kindly consented to allow it to be inspected by any gentlemen who may call.

PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to Messrs. FOX and BARRETT, 33, Leicester-square.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempts to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is simple in construction, low in price, and quite secure. The latch are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c., made entirely of double wrought-iron, so as effectually to resist the falling of brick-work, timber, &c., in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBBS and SON, 57, St. Paul's Churchyard, London.

LEADBEATER, FIREPROOF SAFE and DETECTOR LOCK MANUFACTURER to HER MAJESTY'S BOARD of ORDNANCE.

LEADBEATER, many years Manufacturer for Chubb.

LEADBEATER'S strong wrought-iron FIREPROOF BOOK SAFES, CHESTS, DOORS for STRONG ROOMS, PLATE CHESTS, PARTY WALLS, &c. &c., of the best make, secured by LEADBEATER'S IMPROVED DETECTOR LOCKS and Foundry, all the most recent improvements afford PERFECT SECURITY against Fire and Thieves. Extra Strong Cash and Deed Boxes, &c., sold at prices which place them within the reach of all classes.

LEADBEATER'S IMPROVED DOUBLE-ACTION COMBINATION LATCHES, for securing street and office doors, cannot be opened by false keys or picklocks.

A large assortment on hand of all sizes and fitted for every purpose at LEADBEATER'S FIREPROOF SAFE and DETECTOR LOCK MANUFACTORY, 18, ALDERSGATE STREET, CITY, LONDON.—Estimates sent by return of post.

A vacancy for an apprentice—a small premium required.

WALMSLEY and Co., Iron-merchants, Wharf, 3 Upper Thames-street, near Blackfriars, London, inform the Wholesale Ironmongers that they have had in a well-assorted and clean stock of cast pipes, bronze gutters (both half round and O G), hot-water pipes, G. S. hinge metal, cash weights, air bricks, furnace fittings, railing bars, balcony panels, sink traps, and all castings necessary for building purposes. Prompt attention to orders. Prices in competition, with the lowest quotations, quality equal, if not superior, to any hitherto offered to the trade.

IMPROVED KITCHEN RANGES.—BROWN and GREEN'S PATENT KITCHEN RANGE is the most economical, cleanly, and convenient: it is a certain cure for a smoky chimney. B. and G.'s Improved Open Fire Range, with patent self-acting oven and back boiler, is a universal favourite. The cans may be seen at their new Self-acting Cottage Range, the price of which, with oven and boiler, is only 15l. 0s.—Prospectuses &c., forwarded post free on application to BROWN and GREEN, Luton, Beds.

GRICE'S IRONMONGERY, STOVE, and RANGE WAREHOUSE, 18, Walworth-road, London.

Elliptic Stoves, with Double Backs, 9d. per inch; Register Stoves, 5d. per inch.

Fitted half-sinking Cottage Ranges, Oven and Back Boiler, 15s. each.

Cut Sheet Floor Brads, 11s 9d. per cwt.

Cut Clasp Nails.				
12s.	14s. 6d.	16s.	18s.	20s. 6d. cwt.
1½	1¼	1	¾	5 in.

1-inch Cut Lath, 12s. 9d. per cwt.

6-inch 8 bolt Rim Locks, with Scotch Springs, best patent furniture, 1s. 6d. per dozen.

Improved Bow Latches, 4s. 6d. per doz.

HOT WATER APPARATUS for heating greenhouses, &c., on improved principles, being the cheapest ever known.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 9½d. per inch.

Register Stoves, 6d. 6½d. 7½d. per inch.

Self-Acting Ranges, with Circular Ovens and Back Boilers, best wrought bars and bright fittings—

4 ft. 8 in. by 2 ft.	5 ft. 6 in., 3 ft. 2 in.	6 ft. 3 ft. 10s.

3-feet 6 Self-acting Ranges, with Oven and Back Boiler, 45s. each.

3-feet 6 If acting ditto ditto, 40s. each.

Air Bricks, 3s. 9d. per doz. Trash weights, 3s. per cwt.

Best 3/4cwt Cut Clasp

4d.	5d.	6d.	7d.	8d. per 1,000
9d.	6d.	8d.	10d.	12d.

Best Sheet Floor Brads, 12s. per cwt.

Best Town Gas 3s. 3d. Do. Smooth, 4s. 6d. per cwt.

Best 3/4cwt Sash Line.

1	2	3	4	5	6
4s.	5s. 6d.	6s. 6d.	7s.	8s.	10s. 6d. per gross.

At F. R. WILLIAMS'S IRONMONGERY and STOVE WAREHOUSE, 28, Chiswell-street, Finsbury-square.

Lists of Prices, on application at the warehouse, or by letter pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

TO BUILDERS, CABINET-MAKERS, and OTHERS.

Best Cut Sheet Flooring Brads, 12s. per cwt.

Fine Cut Clasp and Rose.

12s.	14s. 6d.	16s.	18s.	18s. per cwt.
1½	1¼	1	¾	4 inch.

Cross Garnet Hinges, per dozen pair.

3s. 6d.	3s. 6d.	4s. 3d.	5s.	6s.	9s.
10	12	14	16	20	30 in.

Best Bright Tower Bolts, per dozen.

1s. 3d.	1s. 7½.	2s. 3d.	2s. 6d.	3s. 10½.	4s. 3d.	5s. 7d.
5	6	7	8	9	10	12 in.

Iron Rain water Pipe.

3½d.	4½d.	5s. 1d.	6s. 3d.	7s. 6d.	per yard.
3	3½	4	5	6	inch.

Best London Glue, 20s. per cwt.

Cast Lath Nails, 10s. per cwt.

Air Bricks, 3s. 6d. per doz.

Sweeping for hearth, 6d. 1s. per ton.

Trash Weights, 3s. per cwt.

TERMS—NET CASH.

A price-list may be had on application.

A. L. PEEL and Co.,

Wholesale Ironmongers, Brass Founders and Nail Warehouse,

Sand 6, Broad-street, Bloomsbury, London.

AGENTS FOR LEAN'S PATENT MORTISE LOCKS AND BOLTS.

TO BUILDERS AND CARPENTERS, &c.

J. H. BOOBBYER and CO., late Sturch and Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 12s. per cwt.

Fine Cut Clasp and Rose.

12s.	14s. 6d.	16s.	18s.	18s. per cwt.
1½	1¼	1	¾	4 inch.

Best Bright Tower Bolts.

1s. 3d.	1s. 7½.	2s. 3d.	2s. 6d.	3s. 10½. per dozen.
5	6	7	8	9 inch.

Best Patent Sash Lines.

No. 1	2	3	4	5	6
6s.	5s. 6d.	6s.	7s. 6d.	9s.	12s. 6d. per gross.

Cast Lath Nails, 10s. per cwt. Trash Weights, 3s. per cwt.

Air Bricks, 3s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS.

11 by 8 inches ..... 8s. each.

16 by 9 ..... 8s. "

An assortment in Brass, Bronzed Gilt, &c.

An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in cut-on, antique, crystal, ivory, ebony, buffalo horn, brass, &c., as Finger plates, Bell pulls and Levers on cards complete. H. and Co. are the inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 200 years, for the supply of goods from the best manufacturers at the lowest prices.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JONES having made great additions to his STOCK of PATTERNS, hopes to inform the Trade, that he can now supply them with Plain and Ornamental Iron Palisading Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Cast-levers, Wheel Pews, Water Closet Work, Area Gratings, Pig and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

TO GAS AND WATER COMPANIES, ENGINEERS, AND CONTRACTORS.

ANDREW M'LAREN & Co., Ironfounders, STEEL YARD WHARF, UPPER THAMES-STREET, have always on hand a large STOCK of SOCKET PIPES of all sizes, with the usual connections, Retorts, columns, girders, and all descriptions of castings connected with Gas.

Their stock of goods for GENERAL IRONMONGERY is unequalled for variety and lowness of price; comprising, range, register, and elliptic stoves, rain-water pipes, G. G., and half-round guttering, sash-weights, railing bars, panels, bakers' oven work, sink traps, air bricks, water closet metal, &c. &c.

Printed list of prices, and books of drawings for the use of iron mongers, forwarded on application.

POUNDRY AND IRONWORKS, 1 & 2, DRURY-LANE, and CHARLES-STREET, DRURY-LANE, GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Gardens, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engine and Range and Mill-plate Metal. An improved Seed Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and Ornamental, Air-bricks, Trash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Warehouses, Wrought-iron Girders, Fireproof Doors, Iron Safes and Strong Rooms, Tanks and Boilers and every description of iron work to specification, and the work executed with every attention to quality and despatch.

GLOVER'S IRONWORKS,

1 & 2, DRURY-LANE, and CHARLES-STREET.

CHURCH BELLS.—BOWEN and CO. beg respectfully to inform Architects, Builders, Railway Companies, Merchants, and others, that they can be supplied with CHURCH, RAILWAY, PLANTATION, TURRET, SHIP, FACTORY, and all other descriptions of BELLS, of a superior metal and tone, at the lowest possible prices, at their Foundry, Red Lion-street, Clerkenwell.

N.B.—All kinds of heavy Brass and Gun metal Castings.

PATENT GALVANIZED IRONWORKS, MILLWALL and BIRMINGHAM.

Office, 3, MANSION HOUSE PLACE, LONDON.

The undersigned having concluded an arrangement with the Galvanized Iron Company for the transfer of the above Premises, with the Plant, Goodwill, &c., of the Patent Galvanized Iron business, beg to apprise architects, builders, and the trade generally, that they are prepared to supply Patent Galvanized Iron, or to fabricate articles sent to them for that purpose, in any quantities.

Prices and particulars can be obtained at their office, as above, or will be forwarded post free, on application.

London, June 1st, 1850. TUPPER and CARR.

PATENT GALVANIZED IRON. TUPPER and CARR,

The particular attention of Architects, Builders, and others is called to this article, as the one best suited for roofing, guttering, spouting, water of gas pipes, railings, window sashes and casements, blinds, skylight frames, chimney-cowls, cisterns, screws, nails, chains, hooping, &c. &c. Rust is effectually prevented. Patent Galvanized Iron always in stock, and goods galvanized to any quantities.

N.B. The New Palace at Westminster, and the building sheds in all the dockyards, are roofed with Patent Galvanized Iron.—Office, 3, Mansion House-place.—An allowance to the trade.

IRON ROOFING WORKS, BIRMINGHAM, late of Southwark.

Office,—3a, Mansion-house-place, London,

JOHN H. PORTER,

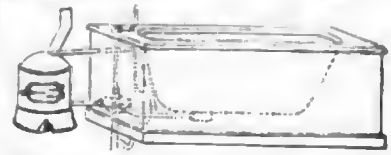
PATENTEE

Of the Corrugated Iron Bearers, Girders, and Fire-proof Floors;

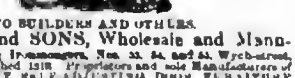
MANUFACTURER OF IRON ROOFS AND BUILDINGS, Chiefly of

THE PATENT GALVANIZED IRON

This material has been employed by J. H. PORTER for several years past in the construction of Iron Roofing for Railway Bridges and Decorators, as bonds and shrouds; Fans Reservoirs, Factories, Goswells, Warehouses &c.; Screw Piers, Mansion and Conservatory Roofs, Dwellings, and Market Places, in the East and West Indies, China, at the Cape of Good Hope, and in other parts of the world; Iron-bar and strained wire Fences, Sheep and Cattle Hurdles.



BATHS.—TYLOR'S IMPROVED APPARATUS, consisting of ENAMELLED MARBLE BATH, UPPER CIRCULATING BOILER, and Stove—may cost with index plate for hot, cold, and waste water, complete. Does not require brick-work, is portable, and in most cases can be supplied ready for use. Apply to the ironmongers and plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.



TO BUILDERS AND OTHERS.

HART and SONS, Wholesale and Manu-facturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand, Established 1818. Proprietors and sole Manufacturers of PITT'S PATENT SELF-ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of T. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Decorators, Smiths, Bell hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every suitable material, as rods with finger plates, bell-pulls, levers, &c., and also to their LOCKS and LATCHES in mortise, rim, drawback, iron gate cabinet &c., of all qualities, including Barron's, Bramah's, Chubbs's, and Pitt's Patent.—Together

GENERAL IRONMONGERY, wrought and cut nails, screws, hinges, bolts, &c. &c.

BRASS FOUNDRY.—Bell cranks of all descriptions, cornice poles pasture rods, shew door handles, desk and hat rails, sash line guards, Ecclesiastical tools, &c. &c.

WINDOW FITTINGS of all kinds, including brackets, rods, arms, sliding sockets, trays, &c. &c.

DOOR SPRINGS and HINGES, including Redmond's, Smith's, Collinge's, Parish's, and Cotterell's patents.

WINDOW BLIND FITTINGS of the most approved principle.

LEAD RACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all " " of invent as soon as perfected.

MORF and SONS, re " " ractive of publicati NET price-lists in ingenious a " " ecessity of the trade generally, are unwilling to believe it, but at the same time they beg to assure their friends that their prices shall be equally as low as those of any other respectable house.